

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A rewinder machine for producing rolls of web material wound around winding cores, comprising:

- a first winding roller,
- a second winding roller, defining with said first winding roller a winding cradle,
- a feeder for sequentially introducing winding cores to said winding cradle,
- a first gluer for applying glue on said cores, wherein said feeder includes at least one element for applying said glue to the winding cores during their introduction to said winding cradle, said element including at least one elongated member that can be immersed in a container of glue arranged beneath a zone for picking up the winding cores, said elongated member covering itself in glue in said container and transferring said glue by contact to each core sequentially picked by said feeder.

2. (Previously Presented) A rewinder machine according to claim 1, wherein said feeder has two elongated members.

3. (Previously Presented) A rewinder machine according to claims 1 or 2, wherein said feeder includes two mobile arms between which said at least one elongated member is supported.

4. (Previously Presented) A rewinder machine according to claim 1, wherein said feeder oscillates around an axis substantially parallel to axes of the first winding roller and the second winding roller.

5. (Previously Presented) A rewinder machine according to claim 3, wherein said elongated member comprises a wire or a cable stretched between the two mobile arms.

6. (Previously Presented) A rewinder machine according to claim 1, further comprising an extractor member, for extracting a roll formed in said winding cradle, said extractor member being mechanically linked to said feeder.

7. (Previously Presented) A rewinder machine according to claim 6, wherein said extractor member oscillates around an axis parallel to an axis of at least one of said first winding roller or said second winding roller.

8. (Previously Presented) A rewinder machine according to claim 7, wherein said extractor member is constrained around the axis of rotation of said second winding roller.

9. (Previously Presented) A rewinder machine according to claim 6, wherein said extractor member has a pick up surface for rolls to be unloaded from said winding cradle.

10. (Previously Presented) A rewinder machine according to claim 9, wherein said extractor member includes a pair of oscillating arms articulated around an axis of rotation of the second winding roller, to which said pick up surface is rigidly constrained, and said oscillating arms are linked to said feeder via tie rods hinged to said arms and to said feeder.

11. (Previously Presented) A rewinder machine according to claim 9 or 10, wherein said pick up surface forms a chute for said rolls.

12. (Previously Presented) A rewinder machine according to claim 9 or 10, wherein said pick up surface forms a rolling surface for said rolls.

13. (Previously Presented) A rewinder machine according to claim 9 or 10, wherein said pick up surface is

shaped to insert itself between the roll and the second winding roller, being substantially tangential to said second winding roller.

14. (Previously Presented) A rewinder machine according to claim 1, wherein said feeder is manually controlled.

15. (Previously Presented) A rewinder machine according to claim 1, wherein said feeder is controlled by a main motor that also controls rotation of said first winding roller and of said second winding roller.

16. (Previously Presented) A rewinder machine according to claim 1, wherein said feeder is controlled by an independent actuator.

17. (Previously Presented) A rewinder machine according to claim 1, further comprising a perforator for perforating the web material along transversal perforation lines, and said perforator, said first winding roller and said second winding roller being controlled by a common motor.

18. (Previously Presented) A rewinder machine according to claim 1, wherein said first winding roller and said second winding roller are controlled to assume, during at least part of a winding cycle of a roll, mutually

different peripheral speeds to facilitate introduction of the winding core through a nip defined between said first winding roller and said second winding roller.

19. (Previously Presented) A rewinder machine according to claim 18, wherein change in the peripheral speeds of said first winding roller and the second winding roller with respect to each other is manually controlled.

20. (Previously Presented) A rewinder machine according to claim 18, further comprising a brake for braking the second winding roller, temporarily changing peripheral speed of the second winding roller with respect to a peripheral speed of the first winding roller.

21. (Previously Presented) A rewinder machine according to claim 20, wherein said brake is manually operated via a control that also operates said feeder.

22. (Previously Presented) A rewinder machine according to claim 1, further comprising a feed channel for the winding cores, said feeder being equipped with a retaining surface that holds the cores in said feed channel.

23. (Previously Presented) A rewinder machine according to claim 1, further comprising a third winding roller with a moveable axis.

24. (Currently Amended) A rewinder machine according to claim 1, wherein the a second gluer is arranged downstream of said first winding roller and said second winding roller for gluing a free end edge of the roll.

25. (Currently Amended) A rewinder machine according to claim 24, wherein said second gluer is manually controlled.

26. (Currently Amended) A rewinder machine according to claim 24, wherein said second gluer has a support surface for the roll to be glued, with an opening defining a position of equilibrium for said roll, and with a mobile element for distributing the glue arranged beneath said opening.

27. (Previously Presented) A rewinder machine according to claim 26, wherein said mobile element is operated by a manual control.

28. (Currently Amended) A machine according to claim 24, further comprising a pair of tie rods, controlled by a drive shaft also controlling movement of the feeder and movement of said second gluer.

29. (Previously Presented) A machine according to claim 28, wherein said pair of tie rods are controlled by a pedal.

30. (Previously Presented) A machine according to claim 1, wherein one of said first winding roller or said second winding roller has a pliable cylindrical surface.

31. (Previously Presented) A method for producing rolls of web material wound around winding cores comprising

- completing winding of a first roll around a winding core in a winding cradle,
- upon termination of winding said first roll, inserting a new winding core via a feeder to said winding cradle and unloading the first roll from the winding cradle, with glue being applied to said new winding core,
- wherein said glue is applied on said new winding core via said feeder, which is immersed at least partially in a container of glue and lifted from the container to the new winding core, said feeder pushing said winding core into a nip defined between a first winding roller and a second winding roller.

32. (Previously Presented) A method according to claim 31, further comprising extracting the winding core from the first roll upon completion of winding and recycling the winding core for a subsequent winding cycle.

33. (Canceled).

34. (Canceled).

35. (Currently Amended) A rewinder machine according to claim 34, for producing rolls of web material wound around winding cores, comprising:

- a first winding roller,

- a second winding roller, defining with said first winding roller a winding cradle,

- a feeder for sequentially introducing winding cores to said winding cradle,

wherein an extractor member, for extracting a roll formed in said winding cradle, is mechanically linked to said feeder;

wherein said extractor member oscillates around an axis parallel to an axis of at least one of said first winding roller or said second roller; and wherein said extractor member is constrained around the axis of said second winding roller.

36. (Canceled).

37. (Currently Amended) A rewinder machine according to claim 36, for producing rolls of web material wound around winding cores, comprising:

- a first winding roller,

- a second winding roller, defining with said first winding roller a winding cradle,

- a feeder for sequentially introducing winding cores to said winding cradle,

wherein an extractor member, for extracting a roll formed in said winding cradle, is mechanically linked to said feeder;
wherein said extractor member has a pick up surface for rolls to be unloaded from said winding cradle; wherein said extractor member includes a pair of oscillating arms articulated around the axis of the second winding roller, to which said pick up surface is rigidly connected, and wherein said oscillating arms are linked to said feeder via tie rods hinged to said arms and to said feeder.

38. (Currently Amended) A rewinder machine according to claim 36 or 37, wherein said pick up surface forms a picking cradle for said rolls.

39. (Currently Amended) A rewinder machine according to claim 36 or 37, wherein said pick up surface forms a rolling surface for said rolls.

40. (Canceled).

41. (Canceled).

42. (Currently Amended) ~~A machine according to claim 33, further comprising A rewinder machine for producing rolls of web material wound around winding cores,~~
comprising:

— a first winding roller,
— a second winding roller, defining with said first winding
roller a winding cradle,
— a feeder for sequentially introducing winding cores to
said winding cradle, and a pair of tie rods, controlled by a
drive shaft which also controls movement of the feeder and
movement of said a gluer; wherein an extractor member, for
extracting a roll formed in said winding cradle, is
mechanically linked to said feeder.

43. (Previously Presented) A machine according to
claim 42, wherein said pair of tie rods are controlled by a
pedal.

44. (Canceled).

45. (Canceled).

46. (Canceled).

47. (Canceled).

48. (Canceled).